

REMARKS

Claim 1 calls for exposing an implanted wafer to acoustic energy to activate the implanted species.

The office action rejects this claim based on the Yamamoto Japanese publication. It is indicated that there is support for the rejection in the constitution of that document, which appears to be on its front page. However, there is nothing about using acoustic energy in that material or any other material that could be located.

Therefore, reconsideration of the rejection of claim 1 and its dependent claims are respectfully requested.

Claim 11 calls for activating an implanted species by mechanically perturbing the wafer. With respect to this rejection, it is suggested that Yamamoto teaches mechanically perturbing the implanted species through laser treatment. But there is no basis to believe that the laser treatment would create any mechanical perturbation. Certainly, nothing of the sort is ever mentioned in the cited reference.

The suggestion that the constitution teaches forming kinetic and infrared energy to mechanically perturb the implanted species appears to be without support in the reference.

Absent support in the reference, reconsideration would be appropriate. Likewise, the claims dependent on claim 11 should also be in condition for allowance.

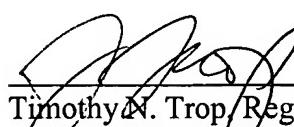
Claim 21 calls for exposing an implanted semiconductor wafer to a first laser at a first energy and exposing the implanted wafer to a second laser at a second energy lower than the first energy. Since the claim has been amended to recite the temperature range and there is no support for the claimed temperature range in the cited reference, reconsideration is respectfully requested.

In view of these remarks, reconsideration would be appropriate.

Respectfully submitted,

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